

# Future Farm: Precision Agriculture Training



**DALHOUSIE**  
UNIVERSITY

FACULTY OF  
AGRICULTURE  
EXTENDED LEARNING



**Upskilling for the  
AgTech Revolution**

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## Build your future in AgTech

Ready to launch a career in the growing agri-food technology sector? Dalhousie University Faculty of Agriculture's Extended Learning presents Future Farm: Precision Agriculture Training — a four-week, non-credit certificate program designed to prepare Atlantic Canadians for high-demand roles in digital agriculture and environmental data management.

## Program overview

As agriculture transforms through technology, the demand for professionals skilled in precision tools, data systems, and AgTech innovation is on the rise. This program equips you with practical knowledge, technical vocabulary, and hands-on experience required to thrive in this evolving industry.

Participants will explore how precision agriculture can improve sustainability and productivity in farming operations, while gaining experience with cutting-edge tools used across Atlantic Canada's agricultural sector. Learners will also receive job-readiness support and engage in workshops and networking events with employer partners.

## Program details

**Program Dates:** Online-Oct. 14–Nov. 7  
In-person-Nov. 13–15

**Format:** Hybrid (online synchronous/asynchronous + in-person workshop)

**Duration:** 4 weeks

**Location:** Online and on-site at Dalhousie Agricultural Campus, Truro, NS

**Tuition:** \$550

## What you'll learn

During this course, you will:

- Learn to operate and maintain precision agriculture tools and technologies
- Understand the principles of data collection, management, and analysis in an agricultural context
- Gain insight into current industry trends and employer needs
- Participate in a mix of online learning (live and self-paced) and a three-day, in-person, hands-on orientation and applied practice with precision

agriculture technology (at Dalhousie University's Faculty of Agriculture in Truro, NS)

- Build your professional network with structured employer engagement and job-readiness supports

## Hands-On Field Experience

Learners will participate in an immersive three-day field workshop at the Dalhousie Agricultural Campus in Truro, Nova Scotia. You'll engage directly with AgTech equipment, learn from experts, and attend a job readiness seminar designed to connect you with employers in the sector.

## Why choose this training?

- **Hands-On & Hybrid Delivery:** A blend of online and in-person learning totaling 50 contact hours.
- **Employer Engagement:** Gain early exposure to hiring partners through guest speakers, hands-on demonstrations, and job-readiness workshops.
- **Job-Ready Outcomes:** Designed to support employment in precision agriculture role. Our success benchmark is 80% job placement within six months.
- **Affordable Tuition:** At only \$550, most program costs are subsidized by the Government of Canada through Upskill Canada.

## Who should apply?

This program is open to Atlantic Canadian residents who are legally eligible to work in Canada. It is especially suited for professionals with 3+ years of work experience:

- A) in agri-food production
- B) or professionals seeking to transition into the agriculture sector

## About Extended Learning at Dalhousie agriculture

Located in Truro, Nova Scotia, the Dalhousie Faculty of Agriculture offers a collaborative, innovation-driven environment for adult learners. Through Extended Learning, we support the upskilling of professionals and help drive economic growth in Atlantic Canada through specialized training programs.

APPLY HERE:



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